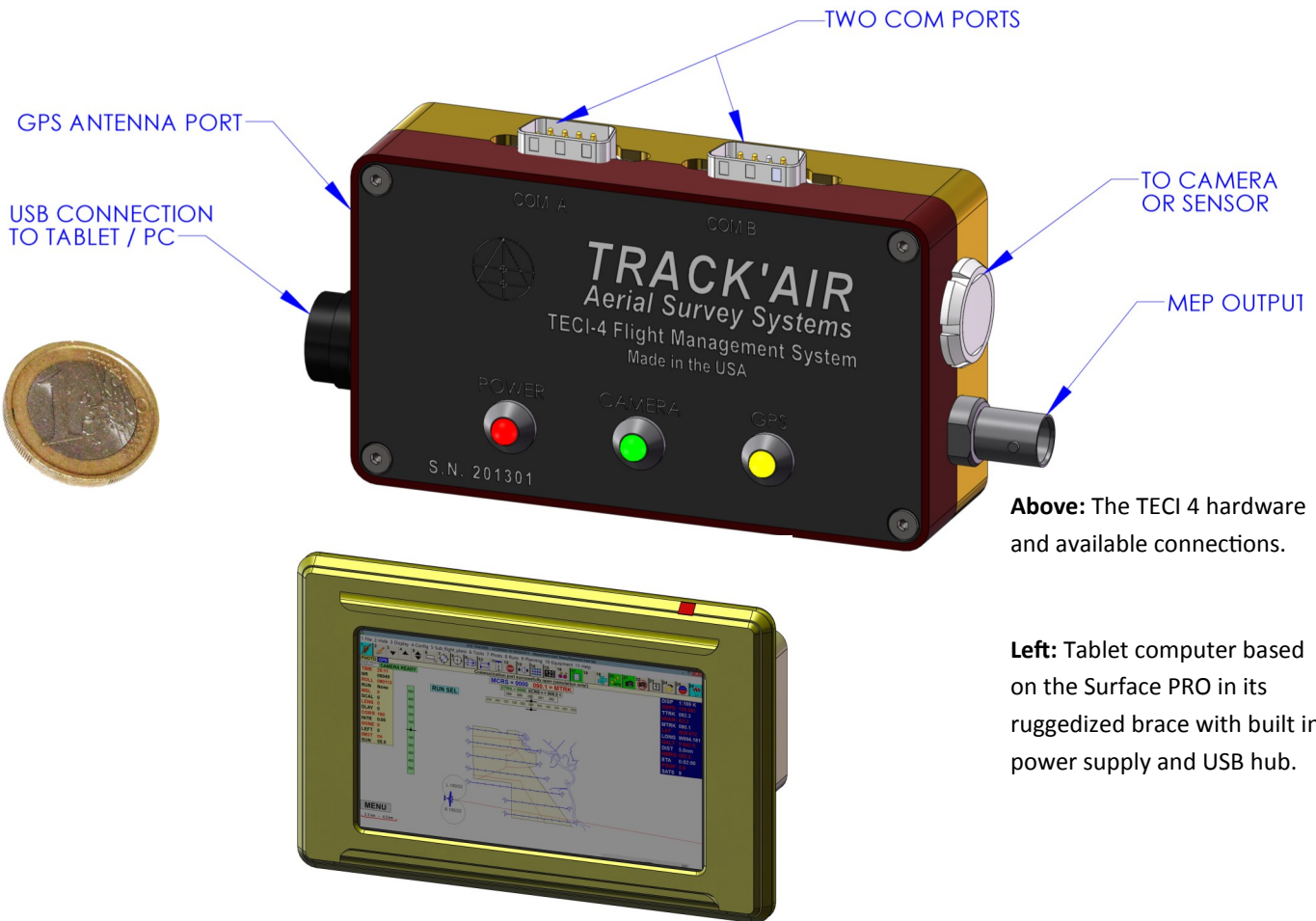


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NextTrack



Above: The TECI 4 hardware and available connections.

Left: Tablet computer based on the Surface PRO in its ruggedized brace with built in power supply and USB hub.

NexTrack Features

Automatic sensor triggering at pre-computed positions

Uses electronic pulse back from cameras

Mountable Table Computer (MS Surface) with Track'Air FMS

Captures manually fired pictures to database

Outputs a TTL level MEP for time logging airborne differential GPS

Communicates with camera and sends annotation data

Controls stabilized platforms and drift mounts



NextTrack

The NextTrack system consists of a TECI4, Track'Air FMS, and ruggedized Microsoft Surface interface computer. These items combine to create a small but complete camera system.

The TECI 4 is a small format, plug and play system designed to make flight management, sensor triggering and mount control easy and affordable. The TECI 4 is designed to be a powerful flight management system capable of controlling any sensor or camera system. The NexTrack has a wide range of features including:



- Small form factor
- USB powered TECI4
- Ruggedized tablet computer for operation and navigation
- Automatic sensor firing at pre-determined positions
- Using electronic pulses back from cameras
- Outputting TTL level MEP for time logging GPS
- Communicating with cameras and sending annotation
- Controls stabilized platforms and drift mounts

Track'Air Interface Computer—MS Surface with FMS

The interface computer, a ruggedized Microsoft Surface Computer has been created to ensure a complete and functional Operating System so that the TECI4 and Track'Air FMS can work perfectly on every system boot. The complete Track'Air FMS suite comes included with the TECI 4 system.

TECI4 Technical Specifications

Dimensions: 1.4" (35mm) x 2.7" (70mm)

Weight: 1.4 lbs

Power: USB powered directly.

TECI-4 USB device
Sensor Trigger Cable (of choice)
GPS Antenna and 15 ft Cable

Compatibility: Microsoft Windows XP through 8.1

Connections: GPS Antenna, USB, 2x COM ports.

GPS: Internal Garmin 18 or External NMEA GNSS

Includes:

USB Communication cable
Licenses for Track'Air FMS software suite
MEP cable



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